

This listing of claims will replace all prior versions, and listings, of claims in the application:

The Status of the Claims

What is claimed is:

1. (Canceled)

2. (Previously Presented) The method of claim 22, wherein an upload speed from the first point of service to the Ethernet network through the asymmetric Ethernet communication is faster than a download speed from the Ethernet network through the asymmetric Ethernet communication to the first point of service.

3. (Previously Presented) The method of claim 22, wherein an upload speed from the first point of service to the Ethernet network through the asymmetric Ethernet communication is slower than a download speed from the Ethernet network through the asymmetric Ethernet communication to the first point of service.

4. (Previously Presented) The method of claim 22, wherein establishing an asymmetric Ethernet communication between the Ethernet network and the first point of service comprises:

utilizing a first asymmetric DSL modem to provide a first Ethernet port for connection to the Ethernet network; and

utilizing a second asymmetric DSL modem to provide a second Ethernet port for the first point of service, where the first asymmetric DSL modem is in data communication with the second asymmetric DSL modem to carry the Ethernet communications asymmetrically.

5. (Currently Amended) The method of claim 4, wherein establishing an Ethernet communication between the Ethernet network and the first point of service further comprises:

utilizing a third asymmetric DSL modem to provide a third Ethernet port for connection to the Ethernet network, wherein the third Ethernet port of the third asymmetric DSL modem and the first Ethernet port of the first asymmetric DSL modem are aggregated at [[an]] a first aggregator device in communication with the Ethernet network; and

utilizing a fourth asymmetric DSL modem to provide a fourth Ethernet port for the first point of service, wherein the fourth Ethernet port of the fourth asymmetric DSL modem and the second Ethernet port of the second asymmetric DSL modem are aggregated at [[the]] a second aggregator device at the first point of service.

6. (Canceled)

7. (Previously Presented) The system of claim 24, further comprising:

a first ADSL modem providing an Ethernet port in communication with the Ethernet port of the Ethernet network; and

a second ADSL modem at the first point of service in communication with the first ADSL modem to carry the Ethernet communications asymmetrically.

8. (Previously Presented) The system of claim 7, wherein the Ethernet network further comprises:

a third ADSL modem aggregated with the first ADSL modem; and

a fourth ADSL modem in communication with the third ADSL modem and being aggregated with the second ADSL modem to carry Ethernet communications asymmetrically.

9. (Original) The system of claim 8, further comprising a first Ethernet switch aggregating the first ADSL modem with the third ADSL modem and a second Ethernet switch aggregating the second ADSL modem with the fourth ADSL modem.

10. (Original) The system of claim 9, wherein the first and second Ethernet switches perform rate shaping and load balancing when transferring data.

11. (Previously Presented) The system of claim 24, wherein an upload speed from the first point of service to the Ethernet network is faster than a download speed from the Ethernet network to the first point of service.

12. (Previously Presented) The system of claim 24, wherein an upload speed from the first point of service to the Ethernet network is slower than a download speed from the Ethernet network to the first point of service.

13. (Canceled)

14. (Previously Presented) The system of claim 26, wherein the first Ethernet connection between the first point of service and the network device of the subscriber includes a router positioned between the first point of service and a computer.

15. (Previously Presented) The system of claim 26, further comprising an ADSL modem providing the Ethernet port of the Ethernet network.

16. (Previously Presented) The system of claim 15, wherein the Ethernet network further comprises a second ADSL modem in communication with the ADSL modem.

17. (Previously Presented) The system of claim 16, wherein the Ethernet network further comprises a third ADSL modem aggregated with the ADSL modem and further comprises a fourth ADSL modem in communication with the third ADSL modem and being aggregated with the second ADSL modem.

18. (Previously Presented) The system of claim 17, wherein the Ethernet network further comprises a first Ethernet switch aggregating the ADSL modem with the third ADSL modem and a second Ethernet switch aggregating the second ADSL modem with the fourth ADSL modem.

19. (Original) The system of claim 18, wherein the first and second Ethernet switches perform rate shaping and load balancing when transferring data.

20. (Previously Presented) The system of claim 26, wherein an upload speed from the first point of service to the service provider network is faster than a download speed from the service provider network to the first point of service.

21. (Previously Presented) The system of claim 26, wherein an upload speed from the first point of service to the service provider network is slower than a download speed from the service provider network to the first point of service.

22. (Currently Amended) A method of providing asymmetric Ethernet service, the method comprising:

providing an Ethernet network remote from a first point of service and in communication with the first point of service;

establishing an asymmetric Ethernet communication between the Ethernet network and the first point of service to allow access to the Ethernet network by a subscriber, wherein establishing the asymmetric Ethernet communication comprises aggregating a plurality of asymmetric Ethernet connections between the Ethernet network and ~~a plurality of points of service including~~ the first point of service to aggregate download and upload bandwidths of the asymmetric Ethernet connections to increase total download and upload bandwidth to the subscriber; and

communicating a subscriber data communication between the first point of service and the Ethernet network via two or more of the aggregated asymmetric Ethernet connections.

23. (Previously Presented) A method as defined in claim 22, wherein aggregating the plurality of asymmetric Ethernet connections increases a bandwidth between the first point of service and the Ethernet network.

24. (Currently Amended) A system for providing asymmetric Ethernet service, the system comprising:

an Ethernet network including an Ethernet port;

a first point of service located remotely from the Ethernet network to allow access to the Ethernet network by a subscriber;

a plurality of aggregated asymmetric Ethernet connections between the Ethernet network and ~~a plurality of points of service including~~ the first point of service; and

an aggregator to aggregate download and upload bandwidths of the asymmetric Ethernet connections to increase total download and upload bandwidth to the subscriber, and to communicate a subscriber data communication between ~~one of the points of service~~ the first point of service and the Ethernet network via two or more of the aggregated asymmetric Ethernet connections.

25. (Canceled)

26. (Currently Amended) A system for providing asymmetric Ethernet service to a network device of a subscriber, the system comprising:

an Ethernet network including an Ethernet port;

a first point of service ~~and second point of service~~ located remotely from the Ethernet network;

a first asymmetric Ethernet connection between the first point of service and the Ethernet port of the Ethernet network;

a second asymmetric Ethernet connection between the ~~second~~ first point of service and the Ethernet port of the Ethernet network; ~~and~~

[[an]] a first aggregator device coupled to the first point of service to aggregate the first and second asymmetric Ethernet connections, to aggregate download and upload bandwidths of the asymmetric Ethernet connections to increase total download and upload bandwidth to the subscriber, and to communicate a subscriber data communication between the first point of service and the Ethernet port of the Ethernet network via the first and second asymmetric Ethernet connections; and

a second aggregator device coupled to the Ethernet network to aggregate the first and second asymmetric Ethernet connections, to aggregate download and upload bandwidths of

the asymmetric Ethernet connections to increase total download and upload bandwidth to the subscriber, and to communicate a subscriber data communication between the first point of service and the Ethernet port of the Ethernet network via the first and second asymmetric Ethernet connections.

27. (Previously Presented) A system as defined in claim 26, wherein the first and second asymmetric Ethernet connections increase a bandwidth between the first point of service and the Ethernet network.

28. (Currently Amended) A method of providing asymmetric Ethernet service, the method comprising:

providing an Ethernet network remote from a ~~plurality of first subscriber locations~~ location;

establishing a plurality of ADSL connections between the Ethernet network and the ~~first subscriber locations~~ location;

receiving a first subscriber data communication from ~~one of the first subscriber locations~~ location;

transmitting a first portion of the first subscriber data communication via a first one of the plurality of ADSL connections and a second portion of the subscriber data communication via a second one of the plurality of ADSL connections, wherein the transmitting the first and second portions occurs at a first transmission rate;

aggregating the first and second portions of the first subscriber data communication from the first and second ADSL connections for communication with the Ethernet network;

receiving a second subscriber data communication from the Ethernet network;

transmitting a first portion of the second subscriber data communication via the first one of the plurality of ADSL connections and a second portion of the second subscriber data communication via the second one of the plurality of ADSL connections, wherein the

transmitting the first and second portions occurs at a second transmission rate different than the first transmission rate; and

aggregating the first and second portions of the second subscriber data communication from the first and second ADSL connections for communication with ~~one of~~ the first subscriber ~~locations~~ location.